MASTER TL-D Super 80

MASTER TL-D Super 80 18W/830 1SL

The MASTER TL-D Super 80 lamp offers more lumens per watt and better color rendering than TL-D standard colors. Furthermore, it has a lower mercury content. The lamp can be operated in existing TL-D luminaires.

Product data

- General Characteristics

Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Cap-Base Information	Green Plate
Bulb	T8 [26 mm]
Life to 50% failures EM	15000 hr
Life to 50% fail Preheat EL,3h	20000 hr
Life to 50% fail Nonpreh EL,3h	12000 hr
Life to 10% fail Nonpreh EL,3h	10000 hr
Life to 10% fail Preheat EL,3h	17000 hr
Life to 10% failures EM	12000 hr
LSF EM 12000h Rated,3h cycle	90 %
LSF EM 8000h Rated, 3h cycle	95 %
LSF EM 6000h Rated, 3h cycle	96 %
LSF EM 4000h Rated, 3h cycle	97 %
LSF EM 2000h Rated, 3h cycle	99 %

- Light Technical Characteristics

Color Code	830 [CCT of 3000K]
Color Rendering Index	85 Ra8
Color Designation (text)	Warm White
Color Temperature	3000 K
Chromaticity Coordinate X	439 -
Chromaticity Coordinate Y	404 -
Luminance Average EM	1.00 cd/cm2
Lum Efficacy Rated EM 25°C	75 Lm/W
LLMF EM 12000h Rated	91 %
LLMF EM 8000h Rated	93 %
LLMF EM 6000h Rated	94 %
LLMF EM 4000h Rated	95 %
LLMF EM 2000h Rated	96 %
Luminous Flux EM 25°C, Rated	1350 Lm
Luminous Flux EM 25°C, Nominal	1350 Lm
Design Temperature	25 C

- Electrical Characteristics

Lamp Wattage	18 W
Dimmable	Yes
Lamp Current EM 25°C	0.360 A
Lamp Wattage EM 25°C, Rated	18.0 W
Lamp Wattage EM 25°C, Nominal	18 W
Lamp Voltage EM 25°C	59 V

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MASTER TL-D Super 80

- Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	2.0 mg

- Product Dimensions

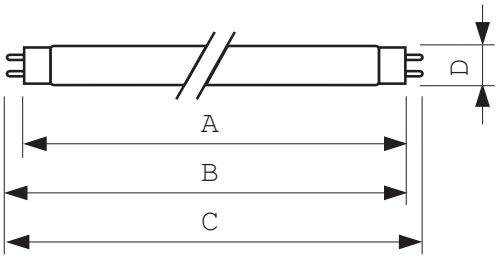
Base Face to Base Face A	589.8 (max) mm
Insertion Length B	594.5 (min), 596.9 (max) mm
Overall Length C	604 (max) mm
Diameter D	28 (max) mm

- Product Data

Order code	927920083023

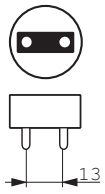
Full product code	927920083023
Full product name	MASTER TL-D Super 80 18W/830 1SL
Order product name	MASTER TL-D Super 80 18W/830 1SL/25
Pieces per pack	1
Packing configuration	25
Packs per outerbox	25
Bar code on pack - EAN1	8711500631657
Bar code on outerbox - EAN3	8711500631664
Logistic code(s) - 12NC	927920083023
ILCOS code	FD-18/30/1B-E-G13
Net weight per piece	71.000 gr

Dimensional drawing



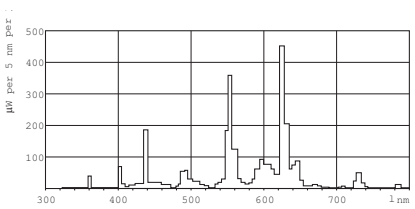
G13, T8

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL-D 18W/830/GP	589.8	594.5	596.9	604	28



G13

Photometric data



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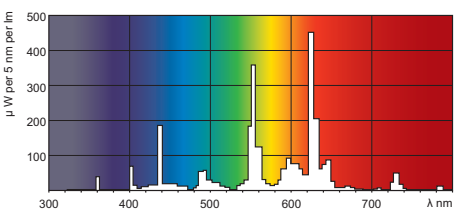

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2012, April 11
data subject to change